EMENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426662

rial No. 1st and final Bill

me of Work ..... From..... To.....

me of Contractor of nature of Agency ..... M/s Sathya Constructions, # 600 Down Bazar Road

te of commencement of work ..... 15.05.2020 Yelahanka Bangalore - 560064

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of works :	Package.2 includes 3 works.					R. 100.00 Lakh
	Estimated cost :	Rs 100.00 Lakh					
	JKB. No	= 006-18-000031, 006-18-000033,					006-18-000034.
	Work order No	= BBMP/EE/BTD/WO/395, 396 A, 399,					2017-18
	Date of Commencement						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Date of completion	~~23.01.2020~~			15.05.2020		
	(1) Earth work Excavation by manual means in ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking clods complete as per specifications,						
	Qty vide .E. Bill pre-measurement						
	p.no. (1) 1st no. (1) = 758.40m³ @ ~~186.92~~/- 201.67						1476043 152947.00
2)	Removing and Refixing stone slabs of chaos and packing in cmts.						

4967 1106

OK

Depth 6	Contents 7	Reference to last Measurement 8
15.05.2020		
s ordinary dirt, 2m and any levelled and to be levelled s specifications,		
pre-measurement		
.40m³ @ 186.92/m³ 201.67		1476043 152947.00
and pointing in cm(1:3)		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426663

erial No. .....

ame of Work ..... From..... To.....

ame of Contractor of nature of Agency .....

ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty vide		E.Bill.	p.no. (1)	~~Sh~~ (2)	
		=	1925.~~97~~42	@ ~~80.56~~/m² 86.92			155140.03 1,67,388.00
	3) Providing granite slabs of selected quality Roughly dressed and fixed in cm 1:6 including finishing curing etc complete 7.50cms, thick						
		Qty vide		E.Bill.	~~Sh~~ no. (3)		
		p.no (1) =		695.~~48~~ m³ @ 694.80	~~696.15~~/m³	718.20	462514.46 @ 499454.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
(4)	Providing and laying in position plain cement concrete of mix 1:3:6 with ore cement @ 220 kgs with 40mm and down size graded granite metal coarse aggregate @ 0.892 m^3 and fine aggregate @ 0.445 m^3, machine mixed concrete laid in layers not exceeding 15cms thick well compacted, in foundn including curing						
						Qty vide E.Bill no. 1	
						Qty no. 4 = 280.0 m^3	
						@ ~~5348.76~~ 5270.78	1498027.2 1616222.00
5)	Providing and removing centing, shuttering, struting, propping etc and removal of form work for foundn, footings, basement						

4867

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work 2
	columns for ma labours, complete
	6) Providing and rem etc and removal of walls at any thickness plinth, strip course

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
rmcnt concrete of mix			
ints 40mm and down			
e aggregate e 0.892 y^3			
ne mixed concrete			
nicle well compacted,			
de E.Bill pno. (1)			
o. (4) = 280.0 y^3		e ~~5348.76~~ 5270.78/-	149827.21
			1616222.00
ng, shuttering, propping etc			
and, footings, basing			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426664

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	columns for mass concrete, including cost of all material, labours, complete as per specifications.						
	Qty as per E.Bill. pre measurements						
	Item (5) p.no (2)					60.60 y^2 e ~~244.80~~ 264.18/ y^3	~~14397.17~~ e 16009.00
	Add 58.80 y^3						
	6) Providing and removing centering, shuttering, struting, propping etc and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth, string courses cost of all material, labour complete as						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	6	7	8
	per specifications.	Qty as per B.B.M. pre-measurements					
		4 nos.	(6)	nos.	(2) =	484.80 m²	
						@ ~~310.58~~ 335.08/m²	150569.18 162447.00
(7)	Providing of laying cement concrete using 20mm and down size granite coarse aggregate and fine aggregate of River M.20 for Rec walls, laid in layers, thick layers and well compacted, vibrating, curing. for Raft foundation column footing, Mats and Retaining Beam, with all lead and lift etc complete as per specifications.						

2997 1/1/06

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
.B.11.	pre-measurements		
No. (7) =	484.80 y^2 @ ~~310.58~~ 335.08 $/y^2$		150569.18 142447.00
of 20mm and down			
fine aggregate of RMC			
inside lgs and wall			
foundation column footing,			
and at lift etc complete			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426665

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty vide	E.B.11.	2t No. (7)			
		P.No (2)	= 63.63 y^3 @ ~~6231.79~~ 6723.42 $/y^3$ R.				~~396,463.30~~ 4,27,811.00

8) Providing thermo-steel fe-500 reinforcement for RCC work including straighting, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members necessary complete as per design, costing materials, labour, transport

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	machinery complete as per specification.						
		Qty as do E.B.11.					~~#~~ no (8) p.no (3)
						= 2.87 mm. @ 73691.20/mg	~~2019.89~~ 79505.44
9)	Providing and fixing RCC precast cover slab of 250 mm thick for drains in C.C M.20 using graded granite jelly 20mm and down size and with steel reinforcement, including fixing wire, lift charges, curing of concrete finished surface on both sides etc complete as per drawing and the directions of Engineer in-charge.						2,28,181.00
		Qty as do.					E.B.11. ~~#~~ no (9)
							~~1339880.40~~ 1445880.00
		p.no (3) = 25.20 m² @ ~~5314/m²~~ 5736.59					

2467 1.1.06

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work 2
10)	Excavation for Road of 0.90 m³ bucket c dippers, trimming bo with requirements of transporting to embar specification

OOK

Depth 6	Contents 7	Reference to last Measurement 8

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
(11)	Providing and laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at one in mechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density, complete as per specifications.						
			Qty vide E.B.11. # no (11)				
			P.rate = 915.59	m^3 @	~~1768.08~~ 1907.58	m^3	~~1618,834.6~~ 1746561.00

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
	12) Providing and applying emulsion on prepared WBM. WMM including primed at the rate of complete as per specifications
	13) Cleaning the existing

ENT BOOK

Dimensions th	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
mpacting graded stone utrechts including premixing in mechanical mix plant rport to site, laying in . base/base course as mpacting with vibratory ising, complete as per				
ide E.Bill. # no (11)				
nto = 915.59 m^3 @ ~~1768.08~~ 1907.58 /m^3				1,618,834.60 1,764,561.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426667

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	12) Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning road surface and spraying primer at the rate of 0.60 kg/m2 using mechanical means complete as per specifications.						
						ply vide E.Bill. P.no. # no (12)	
						= 3874.684 m^2 @ ~~29.68~~ 32.02 /m^2	1,15000.50 124068.00
	13) Cleaning the existing black topped surface with brooms						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	light brushes, and finally dusting with old gunny bags and or compressed air to Receive bituminous treatment including costing all material, labour, hire of machinery complete as per specification.						
	Qty vide E.Bill p.no. Item 13						~~2703.00~~
	= 850 m^2 @ ~~3.18~~ 3.43/m^2						2917.00
14)	providing and applying tack coat ~~to~~ using Police grade bitumen (VG.10) on prepared black topped surfaces at 2.50 kg/m^2, heating bitumen in boiler fitted with spray set including costing all material, labour hire of machineries etc complete..						

2967 1/1/06

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
	2
15)	Providing and laying using crushed aggregate with VG.30 grade hot mix to work site and alignment, Rolling with tandem-Roller to act

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
n old gunny bags and minous treatment include of machinery complete			
E. Bill. p.no. Item 13			2703.00
50 m² @ 3.48/m² 3.43			2917.00
d using 80/100 grade bitumen			
black topped surfaces at boilers fitted with spray nozzles, labour charges etc			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426668

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
			Qty as per E. Bill. p.no. (5) Item (14) = 4885.0 m² @ 13.72/m². Rs.				~~62137.20~~ 67022.20
	15) Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG.30 grade bituminous binder and transporting the hot mix to work site, laying to the required grade level and alignment, Rolling with smooth wheeled vibratory and tandem roller to achieve the desired compaction as per manual						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specification.						
		abstract R.B.11 ~~of~~ no. 12 page 5					
		= 8.00 m³ @ ~~8013.60~~/m² ~~7056.28~~ 7591.44					~~56290.24~~ 60,732.00
17)	Providing and laying of hot applied thermoplastic compound 2.00 mm thick including reflectorising glass beads at 200 gms per sqm area, thickness of 2.00 mm is exclusive of surface applied glass beads as per IRC-35, the finished surface to be level uniform and free from streaks and holes complete.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work 2
	18) Providing & construction in foundation cement in courses not less than apart in each course curing complete as per

IT BOOK

ensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	7	8

E. Bill # no. (12) p.no (5)

5.00 m³ @ ~~8015.60~~/m² 7036.28 7591.44 ₹ ~~56290.24~~ 40,732.00

thermoplastic compound

glass beads at 200

2.00 m is exclusive

n per IRC-35, the

jmy and free from streaks

No. B 426669

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty. vide E. Bill. p.no (6)				# no (17)	
		= 170.50 m² @ ~~542.72~~/m² 585.54				₹	~~92533.76~~ 99834.57
	(18) Providing and constructing granite stone masonry in foundation cement mortar 1:6, stone hammer dressed in courses not less than 20cms high, bond stones at 2m apart in each course including cutting, material, labour curing complete as per specification.						
		Qty. vide E. Bill. p.no				(8)	~~59516.53~~ 64356.00

no. (18) = 13.41 m³ @ ~~4438.22~~/m³ 4788.40

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
19)	Providing & flush pointing to square Rubble, course of uncoursed stone masonry with CM 1:3, 20mm deep after raking joints to depth of 20mm nicely lining including cutting material, labour, curing complete as per specification.						
	qty vide E.Bill st no. (19)						
	p.no (6) 22.40 @ ~~102.82~~ 110.93 /m²					Rs.	~~2303.17~~ 2485.00
20)	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm nominal down size graded granite metal coarse aggregate @ 0.8784 m³ and						

4967 11/06

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work 2
	fine aggregate @ 0.4
	in layers not exceed
	in fdn and plinth
	using machinery c
	21) Providing and fixing

ENT BOOK

Dimensions			Contents	Reference to last Measurement
h	Breadth 5	Depth 6	7	8
...ubb, source of water ... m deep after taking ... ly lining including cost ... as per specification.				
...rde E. Bill st no. (19)				
22.40 @ ~~102.82~~ 110.93/m²			Rs.	~~2303.17~~ 2485.00
... cement concrete of mix ... 20mm and down size ... aggregate @ 0.87 m³ and				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426670

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	fine aggregate @ 0.459 m³, machine mixed concrete laid in layers not exceeding 150mm thick, well compacted in fdn and plinth including costing all materials, labour, using machinery curing as per specification.						
	as per rate E. Bill. p. no. (7)						
	st no (28)	1	1.68			m³ @ ~~5767.46~~ 6222.51/m³	~~9689.53~~ 10454.00
	2) Providing and fixing precast cover slabs 100mm thick						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of drain in cm M.20 using graded granite jelly 20mm and down size with a steel reinforcement including form work, high charges curing and concrete finished surface on both sides etc complete as per drawing and the directions of Engineer-in-charge of work.						
		qty as per E. Bill No (21)					
		p.do (7) =	181.80			c 181.7/y²	B 1960.36
							c 330330.00 3,56,393.00
227	Cement concrete pavement: Constn of m. reinforced plain cement concrete pavement, thickness as per design. over a						

4467 14/06

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work 2
	Prepared sub-ba type as per clause With 25mm and d Coarse aggregate and 3 hr Confining to 25 a concrete mixer appropriate weigh hand as approved

BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		granite jelly 20mm cement finishing concrete finished per drawing and wood.	
		C. Bill. Item no (21)	
		= 181.80 @ ~~1817~~/42 1960.36	330330.60 3,56,393.60
		of m. reinforced plain	
		as per design. overa	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426671

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Prepared sub-base with opc cement or any other type as per clause 10.3.1.2.2. design mix. M.20/M.30 with 25mm and down size graded granite metal coarse aggregate and fine aggregate with superplasticizer @ 3% conforming to IS 9103-1999 - Re-affirmed - 2008, mixed in a concrete mixer of suitable mixing capacity and appropriate weigh batcher as per approved mix design and on approved fixed platform wood., spreading in						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	Concrete with shovels, rodded, compacted using needle screed, and plate vibrators and finished in a continuous operation's including provision of contractor, Expansion etc complete as per specifications.						
	qty wise. It no (22) page (7) of E. Bill. = 168.95 m³ @ ~~6217.98~~ 6768.56/m³						1,05,05,24.2 / 1,13,4417.00
23)	Vacuum de-watering with vacuum pump and including mat and compaction with slow floater clubbed with floating disc, including cost of generator, hom of machinery, screed vibrators, power floater, blade and						

4967 1106

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
	2
	disc etc complete
24)	Earth work excav drawing and Tech and, consta of and other deleter

BOOK

ons		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
...ed using needle screw, continuous operation's ... etc complete as ...			
...H no (22) p.no (7) of 168.95 m³ @ ~~6217.96~~/m³ 6708.56 ... pump and shuting ... clubbed with ... rator, dom ... per floater, blade and			~~1050524=34~~ 1,134417.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426672

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	disc etc complete with all lead and lifting. qty vide E.Bill. p.no. = 1689.54 m² @ ~~95.40~~/m² 102.93					H no. (23) Rs.	~~1611 82.12~~ 174055.00
	24) Earth work excavation for foundation of structures as per drawing and technical specification & including selling out, construction of shoring and bracing, removal of stumps and other deleterious material complete as per specification. qty vide E.Bill. p.no. (8) H (24) = 74.24 m³ @ ~~230.38~~ 248.56/m³					Rs.	~~17403=41~~ 18453.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
25)	Providing and filling in foundations with granite/trap broken metal 100 mm, and down size, with approved sand including hand packing, ramming, watering, including costing all materials, and labour with all lead and lifts complete as per specifications						
26)	plain/Reinforced cement concrete M-15 with OPC cements e 240 kgs with 40mm and down size graded granite metal coarse aggregate 0.84 m^3 and fine aggregate e 0.56 m^3 open found complete as per drawing and Technical						

Ref. to last Measurement: 25 — Page 8

Specifications

Dimensions of bands or and abutments during face beyond 1.50

1997

BOOK

s		Contents	Reference to last Measurement
adth 5	Depth 6	7	8
nite / trap brakes			
pnd scal including			
casting all materials,			
plete as per specifications			
Bill. It no (25)			
.92 m³ @ ~~2240.84~~ / m³ B 2417.64 / m			31192.19 C 33654.00
5 with ope cement			
graded granite metal			
g mat @ 0.56 m³			
ting and Technical			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426673

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Specifications.						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		Qty vide E.Bill. ~~II~~ No. (27) p.no					
		= 21 m³ @ 349.80/m³					B — nil
28)	plain / Reinforced cement concrete in open foundn with ope cement design mix M.35 @ 390 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.68 m³ and fine aggregate @ 0.45 m³ with superplasticiser @ 3 lits conforming to IS-9103-1999 - Re-affirmed 2008, Cone-II with Batching plant, Transit mixer and concrete pump mach.						
		Qty vide E.Bill. II No (28)					~~83746.24~~
		p.no (9) = 12.25 m³ @ ~~6838.06~~ 7377.58/m³					90341.00

4467 1105

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Num 3
29)	Design mix M.35 20mm and down size aggregate @ 0.68 m³ with super plasticiser @ Reaffirmed.	Qty
30)	Ind / MS Bars reinforcemen	

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth 4	Breadth 5	Depth 6	7	8
de	E.Bill.	No. 27	p.no	
-nt	m³ @ 349.80/m³		B	—
erete in open foun	with			
@ 390 kgs with 20mm				
e metal coarse aggregate				
0.45 m³ with superplasti-				
1903-1999 - Re-affirmed				
plant, Transit mixer and				
mde	E.Bill.	No 28		~~8376.24~~
no 9 = 12.25 m³ @ ~~6838.06~~/m³ 7377.98				90341.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426674

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	29) Design mix M.35 with OPC cement @ 390 kgs with 20mm and down size graded granite metal coarse aggregate @ 0.68 m³ and fine aggregate @ 0.45 m³ with super plasticiser @ 3 kg conforming to 15-9103-1999 Reaffirmed.						
	alg mde E.Bill. p.no. 10 No 29 = 24.30 m³ @ ~~7703.02~~/m³ 8310.79						~~164,074.33~~ 179380.00
	30) Tmt / MS Bars reinforcement, supplying, filling and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to Measurement Book
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	placing TMT bars reinforcement in sub-structure complete as per drawing and technical specifications.						
						aty vide R. Bill. p.no. (10) Item (29)	
						= 3.72 Tonne @ ~~5,80,970.12~~ 62673.43 per Tonne	~~216095.~~ 233,299.00
						Total Rs.	
Item no. 18	Providing and laying bituminous concrete 30-40 mm compacted thickness of Mix VG-30 Bitumen grade using 40-60 Hmp using crushed aggregate of grading-II. premixed with bituminous binder at 5.40% of mixture						

4967 1106

al No. .....
ne of Work .....
ne of Contractor of nature of Agency
e of commencement of work .....

e	Full description, etc, of work
	2
	filler, transporting mechanical power and alignment, Rol to achieve the desired
	Certificate
	Certified th
	satisfactor

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
s sub-structure complete				
ifications.				
e Bill. p.no. 16 to 29				
72 Tonne @ ~~5890.12~~/tonne 62673.43				216095.25 233,234.00
@ Total Rs.				
Concrete 30-40 N/m²				
G.B. Common grade 45				
ngth of grade - II.				
r at 5.40% of material				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426675

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Filler, transporting the hot mix to work site, laying with a Mechanical paver as finisher to the required grade level and alignment, Rolling with smooth wheeled vibratory Roller to achieve the desired compaction as per morth specifications.						
	Qty hide E. Bill p.no. 5 to 16						1634069.00
	= 189.00 m³ @				~~8013.00~~ 8645.87/m³	=	~~15,44,538.35~~
	Certificate						96,41,786.54
	Certified that the contractor has work done satisfactorily						

15/05/2020

15/05/2020

15/05/2020

ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4	5	7	8
	105.00		105.00			Thanisandra Main Road	
	101.00						
	93.00						
			Defence Govt Survey.				
99.00							
C.C. Road							
136.00							
133.00	Bharat Nagar						
	Asphalt						
	243.00						
			Rcc drain				
			213.00				
			Fakirnagar layout				

29.9.24

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

4967 1106

MENT BOOK

Dimensions			Contents	Reference to last Measurement
Length 4	Breadth 5	Depth 6	7	8
	105.00			
	Defence Lands Survey.			
			Thanisandra Main Road	N
	Rcc drain			
	13.00			
	Pelimabayout			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 426676

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	P-3316					Bill	9641786=00
	9641786=00					IT	96418=00
	499907=					LC	96418=00
	9141879=00					CBF	9642=00
						CGST	86088=00
						SGST	86088=00
						RL	95253=00
						fine	10000=00
						TD	499907=00
						Net	9141879=00

16/06